

03-20-01

A

UTILITY PATENT APPLICATION TRANSMITTAL

(Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
87687.042301/R-1265-125

Total Pages in this Submission

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

A FAMILY OF LOW POWER, REGULARLY STRUCTURED MULTIPLIERS AND MATRIX MULTIPLIERS

and invented by:

Rong Lin

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 62 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☒ Cross References to Related Applications (if applicable)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
 - d. ☐ Reference to Microfiche Appendix (if applicable)
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings (if drawings filed)
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

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Application Elements (Continued)

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
a. ☐ Formal b. ☒ Informal Number of Sheets 44
4. ☒ Oath or Declaration
a. ☐ Newly executed *(original or copy)* ☒ Unexecuted
b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
c. ☒ With Power of Attorney ☐ Without Power of Attorney
d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby
incorporated by reference therein.
6. ☐ Computer Program in Microfiche
7. ☐ Genetic Sequence Submission *(if applicable, all must be included)*
a. ☐ Paper Copy
b. ☐ Computer Readable Copy
c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☒ Assignment Papers *(cover sheet & documents)*
9. ☐ 37 CFR 3.73(b) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
☐ First Class ☒ Express Mail *(Specify Label No.):* EL818038697US

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Accompanying Application Parts (Continued)

15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Small Entity Statement(s) - Specify Number of Statements Submitted: 1
17. ☐ Additional Enclosures (please identify below):

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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(Small Entity)

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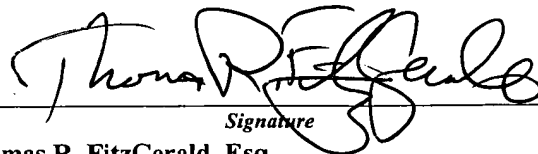
Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	57	- 20 =	37	x \$9.00	\$333.00
Indep. Claims	11	- 3 =	8	x \$40.00	\$320.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$355.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$1,008.00

- ☐ A check in the amount of _____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 10-0223 as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$1,008.00 as filing fee.
 - ☒ Credit any overpayment.
 - ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
 - ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: March 19, 2001


Signature

Thomas R. FitzGerald, Esq.
Reg. No. 26,730
JAECKLE FLEISCHMANN & MUGEL, LLP
39 State Street
Rochester, New York 14614-1310
Tel: (716) 262-3640
Fax: (716) 262-4133

cc:

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.1)Applicant(s): **Rong Lin**

Docket No.

87687.042301/R1265-125

Serial No.

TBA

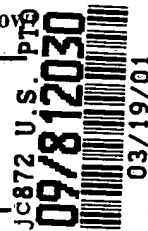
Filing Date

Herewith

Examiner

Unknown

Group Art Unit

UnknownInvention: **A FAMILY OF LOW POWER, REGULARLY STRUCTURED MULTIPLIERS AND MATRIX MULTIPLIERS**

I hereby certify that the following correspondence:

Utility Patent Application Transmittal Letter (Small Entity) (In Duplicate) (8 pgs)*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

March 19, 2001*(Date)***Penny R. Turrell***(Typed or Printed Name of Person Mailing Correspondence)*
*(Signature of Person Mailing Correspondence)***EL818038697US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

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Docket No.

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Group Art Unit

UnknownInvention: **A FAMILY OF LOW POWER, REGULARLY STRUCTURED MULTIPLIERS AND MATRIX MULTIPLIERS**jc872 U.S. PTO
09/812030

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Group Art Unit

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Invention: **A FAMILY OF LOW POWER, REGULARLY STRUCTURED MULTIPLIERS AND MATRIX MULTIPLIERS**

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03/19/01

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Penny R. Turrell

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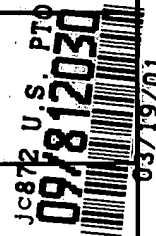
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Group Art Unit

Unknown

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Combined Declaration/Power of Attorney (Unsigned) (3 pgs)*(Identify type of correspondence)*

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Group Art Unit

Unknown

Invention: **A FAMILY OF LOW POWER, REGULARLY STRUCTURED MULTIPLIERS AND MATRIX MULTIPLIERS**jc872 U.S. PTO
09/812030
03/19/01

I hereby certify that the following correspondence:

Assignment w/Recordation Form Cover Sheet (In Duplicate) (6 pgs)*(Identify type of correspondence)*

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Serial No.

TBA

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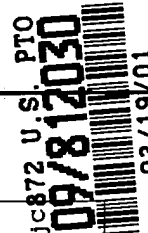
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Examiner

Unknown

Group Art Unit

Unknown

Invention: **A FAMILY OF LOW POWER, REGULARLY STRUCTURED MULTIPLIERS AND MATRIX MULTIPLIERS**

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Specification, Claims, and Abstract (62 pgs)

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Penny R. Turrell

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Examiner

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Group Art Unit

Unknown

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09/812030
03/19/01

I hereby certify that the following correspondence:

Forty-Four (44) Sheets of Informal Drawings (Identified)*(Identify type of correspondence)*

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March 19, 2001*(Date)***Penny R. Turrell***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EL818038697US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**